

Appl. No.: 10/773,838

Amdt. dated: January 11, 2005

Reply to Office action of November 8, 2004

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): An apparatus for sharpening a tool comprising a blade having a bevel face defining a cutting edge, said apparatus comprising:

- (a) a movable substantially planar abrasive surface;
- (b) a guide post arranged substantially normal to said planar abrasive surface;
- (c) a tool holder including a first portion defining a bore slidably engaging said guide post so that said tool holder is movable in a direction substantially normal to said planar abrasive surface, said tool holder further including a tool rest surface to support a blade of a tool and a second portion defining a bore, said tool rest surface being securable at an angle to said bore and said bore being slidably engageable with said guidepost to permit enabling said bevel face of said blade to be secured substantially parallel in an angular relationship to said planar abrasive surface and moved from a position remote from said abrasive surface to a position in contact with said abrasive surface without substantial change in said angular relationship; and
- (d) a clamp to restrain said blade of said tool to said tool rest surface.

Claim 2 (original): A tool sharpening apparatus for use with a drill press having a power rotatable chuck and a workpiece positioning table, said tool sharpening apparatus comprising:

- (a) a disk including a shaft affixed to and rotatable with said disk, said shaft retainable in said chuck, said disk further including a substantially planar abrasive surface arranged substantially normal to said shaft;
- (b) a base;
- (c) a base retainer to restrain said base to said table of said drill press;
- (d) a guide post affixed to said base and extending substantially normal to said planar abrasive surface;

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- (e) a guide block including portions defining a bore slidably engaging said guide post;
- (f) a tool rest including a tool rest surface for supporting a blade of a tool for sharpening, said tool rest being attached to and selectively rotatable with respect to said guide block to permit said tool rest surface to be fixed at a selected angle to said bore; and
- (g) a clamp to restrain a blade of a tool to said tool rest surface.

Claim 3 (original): A method for sharpening a tool having a cutting edge defined by a bevel face, said method comprising the steps of:

- (a) securing an abrasive disk in a chuck of a drill press, said abrasive disk including a substantially planar abrasive surface arranged substantially normal to an axis of rotation of said chuck;
- (b) securing a guide post to a table of said drill press, said guide post extending substantially parallel to said axis of rotation of said chuck;
- (c) clamping a tool to be sharpened to a tool rest surface of a tool holder;
- (d) slidably engaging said guide post with a bore in said tool holder;
- (e) fixing said tool rest surface at an angle to a longitudinal axis of said guide post such that said bevel face is substantially parallel to said planar abrasive surface;
- (f) rotating said chuck; and
- (g) exerting a force in a direction of said planar abrasive surface to move and press said bevel face of said tool into contact with said moving abrasive surface.